

AMENDMENTS TO THE CLAIMS

Listing of Claims

1. (Currently amended) A filter comprising:
 - a filter element;
 - a perforated core member in fluid communication with the filter element; and
 - a non-permeable sleeve of a substantially fluid non-permeable material surrounding at least a portion of one end of the filter element.
2. (Canceled)
3. (Original) A filter of claim 1 wherein the filter element is comprises a material selected from pleated media and non-pleated media.
4. (Original) A filter of claim 3 wherein the non-pleated media is selected from the group comprising wrapped media, solid media and granular media.
5. (Previously presented) A filter element of claim 3 wherein the pleated media comprises a material selected from the group comprising cellulose, polypropylene, polyethylene, polyester, fiberglass, cloth, paper, nylon, orlon, polytetrafluoroethylene and combinations thereof.
6. (Original) A filter element of claim 4 wherein the wrapped media comprises a material selected from the group comprising spunbonded material, cloth, polypropylene, polyester and mixtures thereof.
7. (Original) A filter element of claim 1 further comprising a rigid support surrounding the filter element inside the sleeve.
8. (Previously presented) A filter element of claim 7 wherein the rigid support further comprises a mesh.
9. (Original) A filter element of claim 1 wherein the core member comprises a rigid perforated tube.
10. (Currently amended) A filter comprising:

a housing with a fluid inlet and a fluid outlet;
a filter element disposed within the housing;
said filter element having a perforated central core in fluid communication with
the filter element;
the fluid outlet of the housing in communication with the central core; and
a non-permeable sleeve of a substantially fluid non-permeable material
surrounding at least a portion of one end of the filter element preventing
fluid flow into the filter element.

11. (Previously presented) A filter of claim 10 wherein the fluid inlet of the housing is near the end of the filter surrounded by the sleeve.

12. (Canceled)

13. (Previously presented) A filter of claim 10 further comprising a second sleeve member which is joined to an end cap on which the filter element abuts and has a central cylindrical extension in fluid communication with the central core and has a seal member on the central cylindrical extension and is coupled to the outlet of the housing.

14. (Canceled)

15. (Original) A filter of claim 10 wherein the filter element comprises a material selected from pleated media and non-pleated media.

16. (Original) A filter of claim 15 wherein the non-pleated media is selected from the group comprising wrapped media, solid media and granular media.

17. (Previously presented) A filter element of claim 16 wherein the pleated media comprises a material selected from the group comprising cellulose, polypropylene, polyethylene, polyester, fiberglass, cloth, paper, nylon, orlon, polytetrafluoroethylene and combinations thereof.

18. (Original) A filter element of claim 16 wherein the wrapped media comprises a material selected from the group comprising spunbonded material, cloth, fiberglass, polypropylene, polyester and mixtures thereof.

19. (Original) A filter element of claim 10 further comprising a rigid support surrounding the filter element inside the sleeve.

20. (Original) A filter element of claim 19 wherein the rigid support further comprises a mesh.

21. (Original) A filter element of claim 10 wherein the central core comprises a rigid perforated tube.

22-48. (Canceled)